

Model

TUHS5F12

Item

Switching Frequency

Temperature

25°C

Testing Circuitry

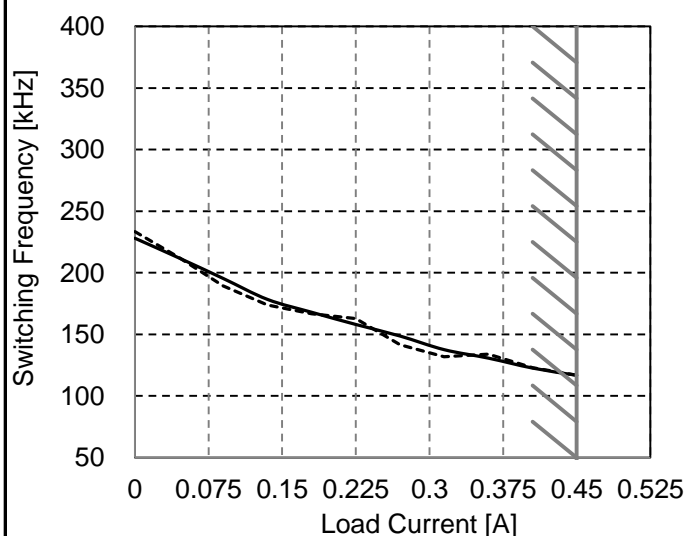
Figure A

Object

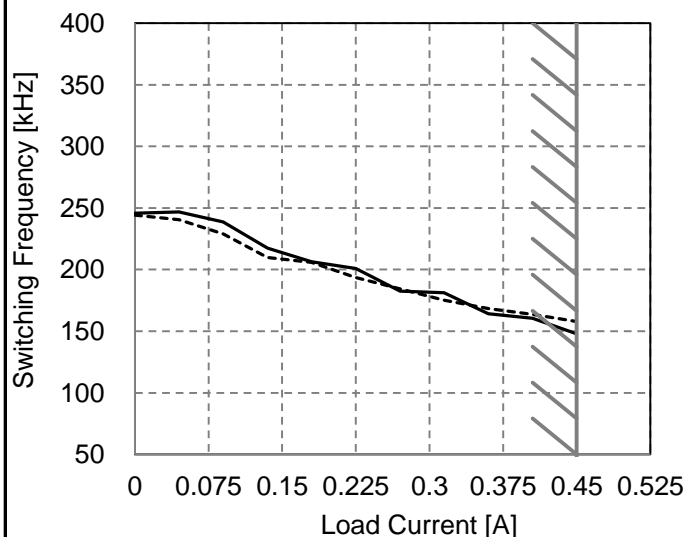
1. Graph

—— Load Increase
- - - - Load Decrease

Input Voltage : AC100V



Input Voltage : AC200V



2. Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	228	234
0.05	212	213
0.09	195	189
0.14	178	174
0.18	168	167
0.23	158	163
0.27	149	142
0.32	138	132
0.36	131	134
0.41	123	123
0.45	117	117

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	246	244
0.05	247	241
0.09	239	229
0.14	218	210
0.18	206	206
0.23	201	194
0.27	182	184
0.32	181	175
0.36	164	168
0.41	161	164
0.45	148	158

-Switching frequency of TUHS changes depending on load current and input voltage.
When load current is low, switching frequency becomes high and step down to low frequency at certain point.
There is hysteresis, so characteristic is different between load increase (sweep from 0% to 100%) and load decrease (sweep from 100% to 0%).

-When load current is low, TUHS operates intermittently, so switching frequency would not become constant.